DEVELOPMENT OF PSYCHOLOGICAL TESTS

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Development of Psychological tests

The task of developing psychological tests on the part of the test developers requires a quite methodological process involving some systematic steps.

Development of Psychological tests

1. **The preliminary preparation for the development of tests.**
2. **Selection of the items and development of the preliminary draft of the test.**
3. **Administration of the preliminary draft over a small sample of the population.**
4. **Item analysis and development of the final draft of the test.**
5. **Administration of the final draft to a large sample to the population.**
6. **Development of the norms for interpretations.**
7. **Development of the test manuals for the users**

1. The preliminary Preparation for the Development of Tests.

- The study about the **nature of the psychological attribute** for which they want to develop a psychological assessment device in the form of a **specific** psychological tests.
- The **knowledge about the population** which may be the possible subject for the administration and application of the developed instrument

1. The preliminary Preparation for the Development of Tests. (Cont...)

- The knowledge about the **situation** and **circumstances** in which the administration and application of the test is likely to be going on.
- The knowledge and understanding of the tests **already available for use** or being developed by the **scholars** for testing the psychological attribute in question.

1. The preliminary Preparation for the Development of Tests. (Cont...)

- The understanding about **competencies and resources available** for the test developer for the development of the present instrument.
- Understanding about the possible **scope, use and applications** of the developed test.

2. Selection of the items and development of the preliminary draft of the test.

The test developer may get him engaged in the selection of the representative items for his testing instrument. He may then further review these items with regard to their language, simplicity of comprehension on the part of respondents and their genuineness.

3. Administration of the preliminary draft over a small sample of the population.

The prepared preliminary draft is administered to a small of the target population. All the necessary things regarding the administration of the test are also well decided at this stage before getting it administered. The decision about the scoring of the responses is also taken beforehand.

4. Item analysis and development of the final draft of the test.

The responses of the respondents are properly scored and tabulated for carrying out the task of item analysis. Item analysis is done mainly to analyze the strength and weaknesses of the items. As a result, many of the irrelevant and less useful items are given up by leaving the most suitable items in the body of the test.

5. Administration of the final draft to a large sample to the population.

The final draft of the test so arrived as a result of item analysis is then administered to a large segment of the target population. The responses of the testees are then scored and tabulated for setting the necessary norms of the test.

6. Development of the norms for interpretations.

The test developer may provide percentile norms, age norms or grade norms as the situation demands for the interpretation of the scores of the testees. It can provide a good estimate of their performance on the test in relation to the average performance of the people. After then, he tries to establish reliability and validity of his test by adopting proper statistical measures.

7. Development of the test manuals for the users

Here in the manual, test developer can emphasize:

- The nature of the population on which he has standardized his test and provided the norms for interpretation,
- The rules and regulations to be followed for the administration of the test by both the testers and testees.

7. Development of the test manuals for the users (Contin....)

- The situation and conditions to be observed in the administration of the test,
- The scoring procedure adopted for the response of the testees,
- The norms and ways of interpreting the scores of the testees,
- The **reliability** and **validity** coefficients of the test,
- The scope and applicability of the test.

Thank you

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